

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **RECOMBINANT ANTIBODIES AND IMMUNOCONJUGATES TARGETED TO CD-22 BEARING CELLS AND TUMORS** the specification of which was filed on March 19, 1998 as PCT International Application No. PCT/US98/05453 (U.S. serial No. 09/381,497).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No


I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/041,437	March 20, 1997

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		Patented Pending Abandoned
		Patented Pending Abandoned
		Patented Pending Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

 Robert Benson, Reg. No. 33,612
Steven M. Ferguson, Reg. No. 38,448
James C. Haight, Reg. No. 25,588
John P. Kim, Reg. No. 38,514

Susan S. Rucker, Reg. No. 35,762
David R. Sadowski, Reg. No. 32,808
Jack Spiegel, Reg. No. 34,477

Send Correspondence to Appointed Associate Attorney or Agent Address: John Storella TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834	Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent: Name: John Storella Reg. No. 32,944 Telephone: 415-576-0200 Fax: 415-576-0300
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Full Name of Inventor 1	Last Name <u>1-00</u> <u>FITZGERALD</u>	First Name <u>David</u>	Middle Name or Initial <u>J.</u>	
Residence & Citizenship	City Rockville	State/Foreign Country Maryland	Country of Citizenship US	
Post Office Address	Post Office Address 1202 Azalea Drive	City <u>Rockville</u> <u>MD</u>	State/Country MD	Zip Code 20850
Full Name of Inventor 2	Last Name <u>2-00</u> <u>PASTAN</u>	First Name <u>Ira</u>	Middle Name or Initial	
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Full Name of Inventor 4	Last Name <u>4-00</u> <u>KREITMAN</u>	First Name <u>Robert</u>	Middle Name or Initial	
Residence & Citizenship	City Potomac	State/Foreign Country Maryland	Country of Citizenship US	
Post Office Address	Post Office Address 11915 Reynilds Avenue	City <u>Potomac</u> <u>MD</u>	State/Country MD	Zip Code 20854
Full Name of Inventor 5	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

Full Name of Inventor 6	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code
Full Name of Inventor 7	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 David J. Fitzgerald	Signature of Inventor 2 Ira Pastan	Signature of Inventor 3 <i>Elizabeth Mansfield</i> Elizabeth Mansfield
Date	Date	Date <i>3 February 2000</i>
Signature of Inventor 4 Robert Kreitman	Signature of Inventor 5	Signature of Inventor 6
Date	Date	Date
Signature of Inventor 7		
Date		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DAVID J. FITZGERALD, et al.

Serial No.: 09/381,497

Filed: March 19, 1998

For: RECOMBINANT ANTIBODIES AND
IMMUNOCONJUGATES TARGETED TO
CD-22 BEARING CELLS AND TUMORS

Assistant Commissioner for Patents
Washington, D.C. 20231

Examiner: Unassigned

Art Unit: Unassigned

APPOINTMENT OF ASSOCIATE
ATTORNEYS AND AGENTS BY
PRINCIPAL ATTORNEY OR AGENT
UNDER 37 CFR §1.34(b) AND MPEP
402.02

Sir:

Under 37 CFR §1.34(b) and MPEP 402.02, the undersigned principal attorney or agent of record hereby appoints the following representatives from the law firm of TOWNSEND and TOWNSEND and CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834, telephone: (415) 576-0200, as associate attorneys and/or patent agents in this application with full powers to prosecute this case and to transact all business in the Patent and Trademark Office connected therewith:

Philip H. Albert, Reg. No. 35,849
Hector A. Alicea, Reg. No. 40,891
Randolph T. Apple, Reg. No. 36,429
Kevin L. Bastian, Reg. No. 34,774
Guy Chambers, Reg. No. 30,617
Karen B. Dow, Reg. No. 29,684
Gregory P. Einhorn, Reg. No. 38,440
James F. Hann, Reg. No. 29,719
M. Henry Heines, Reg. No. 28,219
James M. Heslin, Reg. No. 29,541
Laurence J. Hyman, Reg. No. 35,551
Charlie E. Krueger, Reg. No. 30,077

Joe Liebeschuetz, Reg. No. 37,505
Jeffrey S. Mann, Reg. No. 42,837
Annette S. Parent, Reg. No. 42,058
Steven W. Parmelee, Reg. No. 31,990
Timothy L. Smith, Reg. No. 35,367
William M. Smith, Reg. No. 30,223
Joseph R. Snyder, Reg. No. 39,381
John R. Storella, Reg. No. 32,944
Eugenia Garrett-Wackowski, Reg. No. 37,330
Ellen Lauver Weber, Reg. No. 32,762
Kenneth A. Weber, Reg. No. 31,667
Michael E. Woods, Reg. No. 33,466

Dated: 14 January 2000

Respectfully submitted,

United States Department of Health and Human
Services

By S. S. Riker

Reg. No.: 35,762
Office of Technology Transfer
National Institutes of Health
6011 Executive Boulevard, Suite 325
Rockville, Maryland 20852
Telephone: (301) 496-7056

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Steven M. Ferguson, Reg. No. 38,448
James C. Haight, Reg. No. 25,588
John P. Kim, Reg. No. 38,514

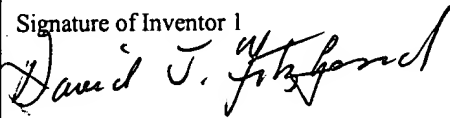
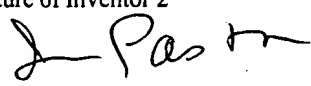
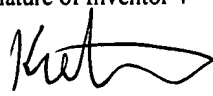
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Signature of Inventor 1  David J. Fitzgerald	Signature of Inventor 2  Ira Pastan	Signature of Inventor 3 Elizabeth Mansfield
Date 1/31/00	Date 1/31/00	Date
Signature of Inventor 4  Robert Kreitman	Signature of Inventor 5	Signature of Inventor 6
Date 1/31/00	Date	Date
Signature of Inventor 7		
Date		